

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2006/000908**A. CLASSIFICATION OF SUBJECT MATTER***H01J 65/04(2006.01)i*

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC8 H01J 65/00~65/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KR, JP IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS(KIPO internal) "PLS" "plasma lighting system" "electrodeless" "no electrode"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	JP 07-183008 A (TOSHIBA CO., LTD.) 21 July 1995 See paragraphs [0011]-[0021], figs. 1-4	1,5,11 2-4,6-10,12-20
X A	JP 11-102795 A (SHARP CO., LTD.) 13 April 1999 See paragraphs [0009]-[0020], figs. 1-4	1,5,11 2-4,6-10,12-20
A	US 6734638 B2 (HYUNG JOO KANG; JOON SIK CHOI) 11 May 2004 See columns 1-6, figs. 1-2,4	1-20
A	JP 09-167598 A (MATSUSHITA ELECTRON CORP) 24 June 1997 See paragraphs [0009]-[0014], figs. 1-3	1-20
T	KR 10-2006-0029536 A (LG ELECTRONICS CO., LTD.) 06 April 2006 See pages 3-4, figs. 1-3	1-20

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

13 DECEMBER 2006 (13.12.2006)

Date of mailing of the international search report

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Name and mailing address of the ISA/KR

Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

CHOI, Jung Kwon

Telephone No. 82-42-481-8323



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2006/000908

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 07-183008 A	21-07-1995	None	
JP 11-102795 A	13-04-1999	None	
US 6734638 B	11-05-2004	CN 1228812 C	23-11-2005
		CN 1411028 A	16-04-2003
		EP 1304723 A2	23-04-2003
		EP 1304723 A3	02-11-2005
		JP 15-109552 A	11-04-2003
		KR 10-2003-0028189 A	08-04-2003
		RU 2232445 C2	10-07-2004
		US 2003-0057840 A1	27-03-2003
JP 09-167598 A	24-06-1997	None	
KR 10-2006-0029536 A	06-04-2006	None	